

Title (en)
Fluid collection arrangement

Title (de)
Flüssigkeitssammelordnung

Title (fr)
Dispositif de collecte de fluide

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Application
EP 14154894 A 20140212

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Abstract (en)
The invention describes a fluid collection arrangement (1) realised to collect fluid (F) in a rotating component (20) of an electrical machine, which fluid collection arrangement (1) comprises at least one collection tank (10) arranged on the rotating component (20), and wherein a collection tank (10) comprises an intake opening (11) for the intake of fluid (F); and a furled interior wall arrangement (12) realised to retain the fluid (F) in the collection tank (10) through a complete revolution of the rotating component (20). The invention further describes a wind turbine hub (20) comprising a number of rotor blade mounting interfaces (30) realised to support a number of rotor blades (3), wherein the hub (20) is realised to rotate about a rotation axis (R 20) of a generator and comprises such a fluid collection arrangement (1) to collect fluid leakage (F) from the rotor blade mounting interfaces (30). The invention also describes a wind turbine (2) comprising a hub (20) arranged to support a number of rotor blades (3), and such a fluid collection arrangement (1) arranged in an interior cavity (200) of the hub (20).

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Citation (search report)

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